CONTRACT NO. 74090

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	**	JASPER	6	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

** D7 SIGNAL MODERNIZATION 2006-3

Illinois Department of Transportation
Division of Highways
District – Materials

SOIL BORING LOG

Page 1 of 1

Date 4/6/05

ROUTE FAP 95 (IL 33) DESCRIPTION TS Fdn: IL 33 and Jackson St., Newton, IL LOGGED BY E. Sandschafer

SECTION D7 Signal Mod 2006-3 LOCATION 1 – NW 1/4, 2 – NE 1/4, SEC. , TWP. 6 N, RNG. 9 E, 3 PM

COUNTY Jasper DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. N/A
Station gINT file 040-fb03

BORING NO. 1 (SE)
Station 33+64
Offset 44.00ft Rt
Ground Surface Elev. 532.36 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
4.75" asphalt over 7" concrete pavement.	531.36				
Mixture of Silty Clay and brick fragments.	530.86				
Medium to stiff, damp, red mottled gray, CLAY.			1		
			4	0.7	19
			3	B	
		-5	2		
			3	1.0	22
			5	B	
			2		
			3	1.6	18
			5	B	
		-10	3		
Several thin Sand partings.			5	0.8	23
			5	S	
			2		
	519.86				
Very stiff to hard, moist, brown to gray, CLAY SHALE w/some sand. Sample broken, unable to test for Qu.			8	+4.5	14
			17	PP	
		-15	7		
			18	2.3	16
			28	S	
			17		
Sample powdered and broken into small chips, unable to test for Qu.			50		10
			50/4"		
		-20	42		
	512.06				
Extent of exploration.			50/2"		7
			50/1"		
Benchmark: Traverse Point #102 = 532.39'					
		-25			
		-30			
		-35			
		-40			

Latitude N 38 deg 59.453 min, Longitude W 88 deg 9.736 min, Map Datum WGS 84

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B–Bulge, S–Shear, P–Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = 5/19/2005
FILE NAME = c:\pwworking\74090\d0188f5pa.dgn
PLOT SCALE = $$SCALE$$
USER NAME = steffenmk